

Section I

Support

PROJECT MANAGERS

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SUMMARY

Mission Support, Project Baseline Summary (PBS) OT01, consists of four sub-projects:

- Budgeting & Planning Analysis (WBS 1.8.2.1)
- Systems Engineering & Integration (WBS 1.8.2.2)
- Environmental Compliance (WBS 1.8.2.3)
 - The Environmental Compliance Program is composed of two elements. These two elements were stand-alone programs known as the Hanford Environmental Management Program (HEMP) and the Effluent and Environmental Monitoring Program (EEM) prior to FY99. Although there is a single program, these elements retain their identity on the Integrated Priority List as two separate Units of Analysis.
- Public Safety and Resource Protection (WBS 1.8.2.4)

NOTE: Unless otherwise noted, the Safety, Conduct of Operations, Milestone Achievement, and Cost/Schedule data contained herein is as of May 31, 2001. All other information is as of June 21, 2001 unless otherwise noted.

Fiscal-year-to-date milestone performance (EA, DOE-HQ, and RL) shows that twenty-seven milestones (96 percent) were completed on or ahead of schedule and 1 milestone (4 percent) was completed late.

NOTABLE ACCOMPLISHMENTS

BUDGET & PERFORMANCE ANALYSIS (B&PA)

Support to the Integrated Lifecycle Baseline Update Deliverable – Budgeting and Performance Analysis (B&PA) coordinated the development of cost exhibits for the June 29, 2001 submittal. The cost exhibits reflected the correlation of current FH work scope to that in the new FH contract baseline for FY 2001-2006. In addition, the updated cost baseline reflected approved change requests processed during FY 2001 and directed RL changes (change actions will be processed). These cost exhibits were provided by Project Baseline Summary (PBS), and FH Contract Work Breakdown Structure (WBS). B&PA also provided key support to the revision/update of the Project Master Schedules that were included as part of the deliverable.

Support to Pricing Validation for FY2003 – Preliminary work has been initiated to support the pricing validation of the FY 2003 Budget Submittal. Rates and summary cost baseline documentation have been provided to show traceability in the planning and budget process. Several projects will be selected for this year's validation, and will be asked to provide resource-loaded schedules supporting the November 15, 2000 baseline submittal. These schedules will be reviewed in parallel with the RL-approved FH planning rates. The baselines that were provided in the November deliverable will then be audited to the FH contract, and to the FY 2003 Budget Submittal.

System Modifications – Work is underway to modify the Integrated Planning and Reporting System (IPARS), Hanford Data Integrator (HANDI), and the Performance (PERF) modules to support FH's revised contract data collection and reporting requirements. A Forecast module was developed and will be deployed in July to provide an electronic source for the development of fiscal year spending forecasts (FYSF) and estimates at completion (EAC).

In a coordinated effort with FH Finance and Lockheed Martin Services, Inc., B&PA supported the modification of the Indirect Planning System (IPS) for loading budget resources for routine (level-of-effort) work by direct projects. This resource loading approach in IPS is more efficient than resource loading routine activities through Primavera. Training on the system was also initiated.

Control Module Development – A new WBS control table is being developed as part of the HANDI-PERF-IPARS Control Module. The table will become the controlling source for WBS data in all applications and will allow the implementation of the new Contract WBS as well as provide a crosswalk to the RL WBS. The WBS control table will be deployed in July.

Funds Management – B&PA continued to obtain FYSF and EAC data from the projects on a monthly basis to analyze projected PHMC spending in comparison to available funds. Meetings were held with the major project areas to review forecasts and identify potential issues. Presentation formats for exhibiting funds management status have been initiated for the Resource Management Board in support of its decision-making efforts to maximize clean-up work while controlling spending within available funds.

Performance Management Meetings (PMMs) – In June, three PMMs were held. Two “FH Projects” PMMs were held – the first on June 6, 2001 (including April cost and schedule status), and the second on June 28, 2001 (addressing May cost and schedule status). And, on June 13, 2001, the quarterly “PHMC Services and Support/ Comprehensive Performance Incentives (PIs)” PMM was held. At that meeting, a quarterly review of the Hanford Site Operations organization was presented, as well as a to-date summary of FH’s Comprehensive PIs’ progress/status. The next PMMs scheduled are the “FH Projects” PMM, to be held on August 2, 2001, and “The Future” PMM, to be held on August 8, 2001.

FH Internal Project Reviews – B&PA continued to support the FH Project Reviews. These coordination efforts are intended to save the Projects’ time and not exercise them unnecessarily in their reporting preparations. Additionally, a template file with page-by-page guidance was prepared and distributed to each of the Projects’ directors and their POCs to ensure compliance to the format as completely as possible.

Performance Execution and Reporting Module (PERM) Status - The Performance Execution Module (PEM) FY 2001 May Status Report was delivered on June 21, 2001 as scheduled through the electronic batch feed to the DOE-HQ IPABS-PEM. Performance data is collected monthly from all RL contractors and transmitted via PERM to DOE-HQ.

Environmental Management Performance Report (EMPR) Submittal – FH delivered the monthly report that included April 2001 cost/schedule data on June 5, 2001. Distribution to all other addressees was made on June 12, 2001 (two days ahead of schedule), in bound copy.

Business Management Oversight Process (BMOP) Status – RL issued revised FY 2001 BMOP criteria on June 12, 2001. Per these criteria, FH must include a description of how key in-process requirements are being met, including “...compliance with applicable requirements and key internal control....” B&PA met with the Office of Independent Assessment and determined that each BMOP functional area will be required to submit all management and/or self-assessments as directed by the RL contracting officer. To follow up on this action, each BMOP functional area has been notified that it must provide copies of its management/self-assessment(s) to B&PA, which will deliver them to RL by October 31, 2001, in conjunction with the final FH BMOP self-assessment.

SYSTEMS ENGINEERING AND INTEGRATION (SEI)

SE&I worked with the FH Projects to provide the required deliverables from the DOE Implementation Plan for DNFSB Recommendation 2000-2, *Configuration Management of Vital Safety Systems*. SE&I also coordinated the update of the technical baseline data for the June 30, 2001 Integrated Baseline Planning deliverable. This update included the work necessary to ensure that the requirements from the new FH contract were properly allocated to the technical baseline functions and then to the FH WBS dictionaries.

SE&I developed an electronic version of the June 30, 2001 deliverable with “hot links” between the technical, schedule, and cost sections. A demonstration was provided for the FH Projects and some of the RL staff.

SE&I is also providing support to the August 15, 2001 Integrated Planning, Accounting, and Budgeting System (IPABS) data feed for RL. Support continued to be provided to the Requirements Initiatives Integration Team.

ENVIRONMENTAL COMPLIANCE PROGRAM (ECP)

A FH chemical segregation and storage procedure that is patterned after the system used at PFP has been drafted and is being reviewed internally.

A National Environmental Policy Act (NEPA) Finding of No Significant Impact (FONSI) for the *Environmental Assessment K Basins Sludge Storage at 221-T Building, Hanford Site, Richland, Washington*, DOE-EA-1369 was signed by Keith Klein on June 20, 2001.

On June 15, 2001, FH was provided with a copy of a May 2001 letter from the Confederated Tribes of the Umatilla Indian Reservation to the Pollution Control Hearings Board raising questions about Ecology's air permitting approval for the PFP thermal stabilization of polycubes. Ecology requested information from RL and FH in order to prepare for a preliminary hearing by the board on June 22, 2001. The information was provided on June 20, 2001. The same day Ecology met with RL, FH E&R, and PFP staff and a representative of the tribes to discuss the questions and Hanford information.

Regulatory analysis white papers on new source review applicability were developed for the River Corridor Project (RCP) and PFP during this period. Several permit/compliance strategy meetings were held for PFP and Waste Management Project (WMP) facilities, offering interpretive authority support/consultation for proposed facility/project activities.

A strategy was developed regarding the RCRA Part B permit application Notice of Deficiency process for the T Plant Complex and the Mixed Waste Disposal Units.

The WMP was provided assistance on the public release of Dangerous Waste Training Plans prepared to meet WAC 173-303 regulatory requirements and the management of mixed waste in the T Plant Complex canyon. RCP was assisted on how to address the receipt of low-level waste containers that have failed verification

The FH and RL legal staffs were provided support regarding the appeal of the Revision 7 of the HF RCRA Permit, and the Corrective Measures report for the Collodion Notice of Compliance.

Site-Wide Compliance and Issue Resolution - Fluor Hanford (FH) issued a letter of direction from RL requesting information and assistance in responding to a WDOH Notice of Correction to the Office of River Protection (ORP). The letter also included the requirement for a site-wide evaluation of monitoring, tracking, and trending of all radioactive air emission-points on the Hanford Site. The System Configuration Management Plan (SCMP) process was initiated by E&R on June 20, 2001.

FH was notified by Ecology on June 21, 2001 that the planned public review period for Modification F of the Hanford RCRA Permit would be July 25 through September 10, 2001. The primary focus of this modification is incorporation of 222-S Laboratory Complex into the Permit.

The Categorical State Waste Discharge Permit for Hydrotest, Maintenance, and Construction Discharges to Ground (Permit ST 4508) permit expires May 5, 2002. The permit renewal application is due to DOE-RL for review September 2, 2001. Work is underway with RL, ORP, and contractors on this renewal effort, with gathering discharge data and facility feedback. By FH contract as well as WAC 173-216, it is necessary to submit a complete draft renewal application to RL by September.

Work to complete the Air Operating Permit (AOP) implementation plan is continuing. Efforts are also underway to prepare a permit modification package to address a number of minor issues with the final permit.

The following regulator facility inspections and follow-up to information and/or action requests were coordinated:

- On June 6, Washington State Department of Health (WDOH) inspected the Main stack at the 327 Facility (EP-327-01-S) and the Main stack at the 324 facility (EP-324-01-S).
- On the morning of June 6, 2001, WDOH performed an EPA Level II inspection of the 327 Facility, focusing on building exhaust controls and EP-327-01-S stack sampling. During the afternoon, WDOH inspectors performed an EPA Level II inspection of the 324 Facility, focusing on building exhaust controls and EP-324-01-S stack sampling.
- On June 27, 2001 the Washington State Department of Ecology (Ecology) performed a follow-up inspection and closeout for the Inactive Miscellaneous Underground Storage Tank Inspection and cited 5 Concerns.
- On June 14, a RCRA Permit inspection of the 100 Areas was performed per Permit Condition II.O. Two potential lead-containing materials were identified and proper disposition is underway.

Monitoring and Reporting - The Hanford Site Toxic Chemical Release Inventory (TRI) Reporting Compliance Validation Report for Reporting Year 2000 (Milestone Control Number ECP-01-502) was transmitted to RL on June 15, 2001, seven days ahead of the milestone completion date. This report was prepared to document activities leading to the determination that TRI reporting is not required for reporting year 2000 because Hanford Site toxic chemical use did not exceed triggering threshold levels.

The 2000 Annual Polychlorinated Biphenyl (PCB) Document Log (Milestone Control Number ECP-01-504) was completed and transmitted to RL on June 14, 2001, eight days before the scheduled milestone completion date of June 22, 2001.

ECP delivered the Calendar Year 2000 Hanford Site Mixed Waste Land Disposal Restrictions Report on June 15, 2001, for final concurrence review and approval. The delivery of the report was on time, based on the prior schedule agreements with. The document was due for submittal to Ecology on or before June 30, 2001, in accordance with TPA Milestone 26-01K, as amended by agreement. The agreement was to extend the regular due date from April 30 to June 30, 2001, as a result of the extended negotiations surrounding the content of the Land Disposal Restrictions (LDR) report. The negotiations had delayed the start of information gathering for the report. Delivery of the final annual LDR report to the U.S. Environmental Protection Agency (EPA) and Ecology was accomplished on June 28, 2001, two days ahead of schedule. The report, "Calendar Year 2000 Hanford Site Mixed Waste Land Disposal Restrictions Report" (DOE/RL-2001-20), fulfills TPA Milestone M-26-01K.

On June 15, 2001, the *Radionuclide Air Emissions Report for the Hanford Site, Calendar Year 2000*, DOE/RL-2001-32 (Milestone Control Number ECP-01-803) was submitted by FH on schedule. This document satisfies requirements in 40 CFR 61, Subpart H, and in WAC 246-247 to report the highest dose to a member of the public, referred to as the maximally exposed individual (MEI). For CY2000, members of public employed with private companies located on the Hanford Site and not affiliated with DOE or its contractors were considered when determining the MEI. The result of this broadened MEI definition was the selection of an employee at the Washington State University laboratory in the 300 Area to be the new MEI. The dose to that person, from all stack emissions on the Hanford Site in CY2000, was calculated to be 0.046 mrem effective dose equivalent (EDE). The dose in 2000 to the former MEI, a person who resided offsite on Sagemoor Road in Franklin County, was 0.022 mrem EDE, as compared to the CY1999 dose to that same person of 0.29 mrem EDE.

Milestone ECP-01-410, Portable/Temporary Radioactive Air Emissions Units and High-Efficiency Particulate

Air Filtered Vacuum Radioactive Air Emission Units Annual Report for 2000, was submitted to RL on June 14, 2001.

Milestone ECP-01-413, Portable/Temporary Radioactive Air Emission Units NOC Performance Assessment was submitted to RL on June 20, 2001 (nine days ahead of schedule).

E&R has initiated work on preparing the annual environmental permitting status report (DOE/RL-96-63, Revision 5). This report is update annually and provides a summary description for the current environmental permits.

For the month of June 2001 there were five (5) non-reportable releases of a hazardous substance and /or a petroleum product released to the environment. All of these releases were cleaned up and disposed of per state and federal requirements. There were no reportable events with a release to the environment and four (4) reportable code non-compliance events were reported directly to the regulators by the FH Environmental Single-Point-of-Contact (SPOC) through the Occurrence Notification Center (ONC) recorded phone line.

Continuous Improvement - The Environmental Compliance Workshop Series are continuing to provide current information and discussion on compliance topics. The June topic was the RCRA Permit and approximately 40 prime contractor staff attended it.

A new report was developed for Environmental Action Tracking System (EATS) per RL-RCA request for information. The new report also includes a custom filter generator to filter on contractor, dates, etc.

A FH Emergency Preparedness (EP) management assessment of the "Environmental Notification Process" has been completed and finalized.

PUBLIC SAFETY AND RESOURCE PROTECTION (PSRP)

The MCS has subscribed to real-time lightning strike data through the National Lightning Detection Network. This service provides real-time lightning strike location, time of strike and strength data. It also provides the capability for looking at and plotting historical lightning strike data, color-coded by time. The MCS project also began entering Hanford Meteorology Station (HMS) data via the Internet into the Weather Information Management System for the calculation of fire danger rating indices.

TM Poston, Project manager, was recognized as one of three winners of the Pacific Northwest National Laboratory, Fitzner-Eberhardt Laboratory Director's award for outstanding contributions in science and engineering education in CY2000. Part of the basis for this award was the effort put forth to communicate the SESP's efforts to inform the public and students about the environment around Hanford and how Hanford Site operations have affected the environment. To this end, the Environmental Surveillance Forum, the success of which Mr. Poston was instrumental in, was conducted on March 8, 2000, in Richland, Washington.

A manuscript describing the field trials with Empore® Disks and their usefulness in routine water monitoring programs across the DOE complex was recently published. This culminates a multiple year collaborative effort with Savannah River to evaluate the relatively new water sampling technology. One SESP staff member (GW Patton) was a co-author on this paper:

Beals, D. M., K. J. Hofstetter, V. G. Johnson, G. W. Patton, and D. C. Seely. 2000. *Development of Field Portable Sampling and Analysis Systems, J. Radioanalytical and Nuclear Chemistry, 248*, 315-319.

ISMS STATUS

Nothing to report at this time.

CONDUCT OF OPERATIONS

Nothing to report at this time.

BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

Breakthroughs

Nothing to report at this time.

Opportunities for Improvement

Nothing to report at this time.

UPCOMING ACTIVITIES

- ECP-01-804, Annual Environmental Release Report is due August 31, 2001.
- The annual *Site Environmental Report for CY 2000*, which is currently in preparation, is scheduled for completion and distribution by September 30, 2001.

Green

MILESTONE ACHIEVEMENT

MILESTONE TYPE	FISCAL YEAR-TO-DATE				REMAINING SCHEDULED			TOTAL FY 2001
	Completed Early	Completed On Schedule	Completed Late	Overdue	Forecast Early	Forecast On Schedule	Forecast Late	
Enforceable Agreement	3	0	1	0	0	1	0	4
DOE-HQ	0	0	0	0	0	0	0	0
RL	17	6	1	0	0	11	0	35
Total Project	20	6	1	0	0	12	0	39

Only TPA/EA milestones and all FY2001 overdue and forecast late milestones are addressed in this report. Milestones overdue are deleted from the Milestone Exception Report once they are completed. The following chart summarizes the FY2001 TPA/EA milestone achievement and a Milestone Exception Report follows. The last milestone table summarizes the first six months of FY 2002 TPA/EA milestones.

FY 2001 Tri-Party Agreement / EA Milestones		
Number	Milestone Title	Status
ECP-01-901	Issue Quarterly NESHAP Status Report to RL for EPA	Due October 20, 2000 – Completed three days early.
ECP-01-902	Issue Quarterly NESHAP Status Report to RL for EPA	Due January 29, 2001 – Completed on January 3, 2001, 26 days early.
ECP-01-904	Issue Quarterly NESHAP Status Report to RL for EPA	Due April 23, 2001 – Completed on April 6, 2001, 17 days early.
ECP-01-906	Issue Quarterly NESHAP Status Report to RL for EPA	Due July 30, 2001 – On schedule.
DNFSB Commitments		
	Nothing to report at this time.	

MILESTONE EXCEPTION REPORT

Overdue – 0

Forecast Late – 0

Green

FY 2002 Tri-Party Agreement / EA Milestones		
Number	Milestone Title	Status
ECP-02-901	Issue Quarterly NESHAP Status Report to RL for EPA	Due October 19, 2001
ECP-02-902	Issue Quarterly NESHAP Status Report to RL for EPA	Due January 29, 2002
ECP-02-904	Issue Quarterly NESHAP Status Report to RL for EPA	Due April 19, 2002
ECP-02-906	Issue Quarterly NESHAP Status Report to RL for EPA	Due July 30, 2002
DNFSB Commitments		
	Nothing to report at this time.	

FY 2001 SCHEDULE / COST PERFORMANCE – ALL FUND TYPES

CUMULATIVE TO DATE STATUS – (\$000)

YELLOW

		FYTD								
ByPBS		BCWS	BCWP	ACWP	SV	%	CV	%	PEM	EAC
PBS OT01	Mission									
WBS 1.8.2	Support Other MYPs	\$ 17,444	\$ 16,088	\$ 18,575	\$ (1,356)	-7.8%	\$ (2,487)	-15.46%	\$ 23,785	\$ 22,763
Total		\$ 17,444	\$ 16,088	\$ 18,575	\$ (1,356)	-7.8%	\$ (2,487)	-15.46%	\$ 23,785	\$ 22,763

FY TO DATE SCHEDULE / COST PERFORMANCE

The \$1.4 (8%) unfavorable schedule variance is within Site thresholds.

The \$2.5M unfavorable cost variance, which falls outside established thresholds, is mainly driven by PNNL cost erroneously processed against OT01's cost account. The costs in question were incorrectly budgeted under the wrong B&R code.

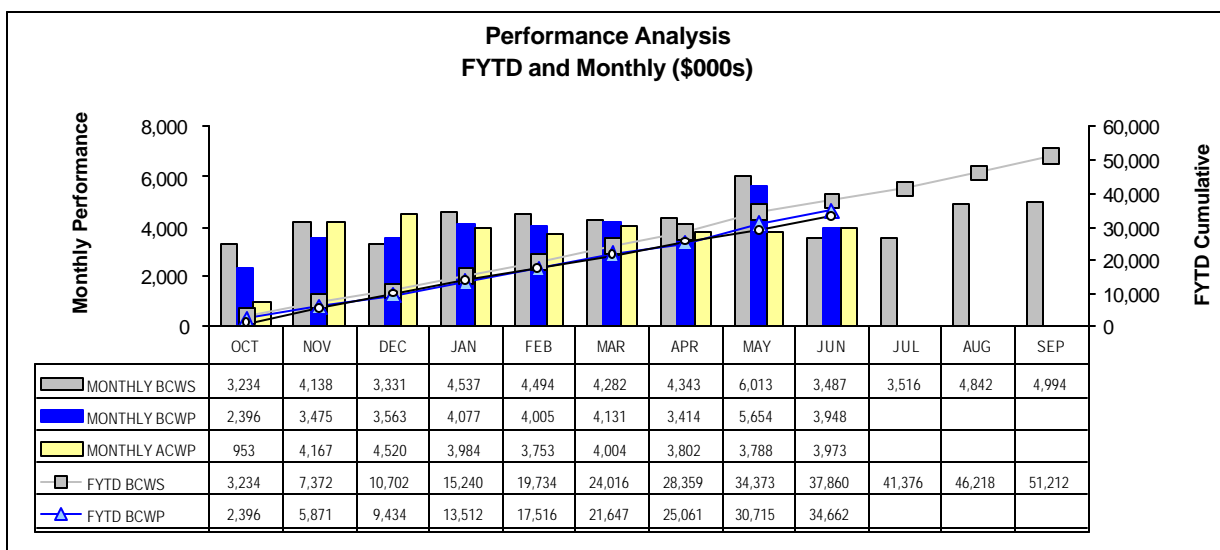
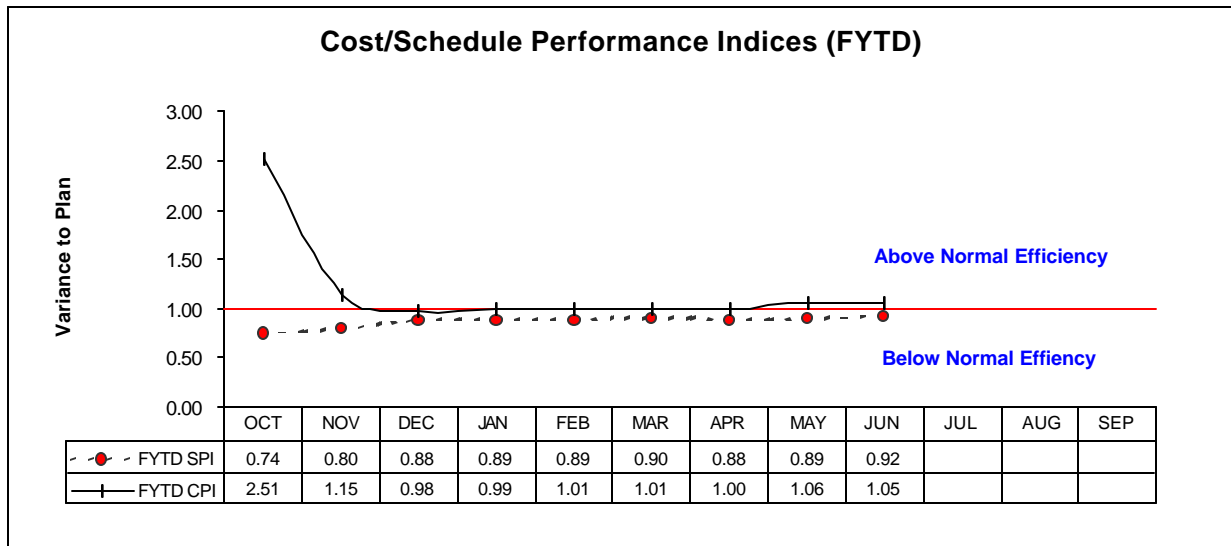
Schedule Variance Analysis: (-\$1.4M)

OT01's Schedule variance of 8% falls within established Site margins.

Cost Variance Analysis: (-\$2.5M)

The \$2,487M (15.5 percent) unfavorable cost variance is driven by erroneously planning and accruing cost against the wrong cost account/B&R code. This condition was detected in May and efforts to correct it were undertaken. However, because budgeting protocol restrict the movement of budget between B&R codes, this condition is expected to persist for the balance of the year.

SCHEDULE / COST PERFORMANCE (MONTHLY AND FYTD)



FUNDS MANAGEMENT – FY 2001 TO DATE

FUNDS VS SPENDING FORECAST (\$000)

	Funds	FYSF	Variance
1.8 Mission Support			
OT01			
Post 2006 - Operating	\$ 15,780	\$ 15,963	(183)
Total	\$ 15,780	\$ 15,963	\$ (183)

ISSUES

Technical Issues

Nothing to report at this time.

BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS (\$000)

PROJECT CHANGE NUMBER	DATE ORIGIN.	BCR TITLE	FY01 COST IMPACT	S C H	T E C H	DATE TO CCB	CCB APR'VD	RL APR'VD	CURRENT STATUS
		Nothing to report							
ADVANCE WORK									
		Nothing to report							

KEY INTEGRATION ACTIVITIES

Nothing to report.